

MEMORANDUM

TO: Keith Bradley  
RPO Hazardous Waste Section  
EPA, Region VI

FROM: Noel Lewandos  
FIT, Region VI

THRU: <sup>FOR</sup> K. H. Malone, Jr. *gjt*  
FIT RPM, Region VI

DATE: March 11, 1985

SUBJ: Reconnaissance Inspection of three Chevron Sites:  
1) Hico-Knowles Railroad loading dock located in Hilly, LA (LA03735).  
TDD #R-6-8410-8a  
2) Chandler Battery Pit located in Ruston, LA (LA03654).  
TDD #R-6-8410-7a  
3) Choudrant Battery Pit located in Choudrant, LA (LA03646).  
TDD #R-6-8410-6a

A two person FIT (J. Guevara and N. Lewandos) inspected the three subject sites on January 24, 1985. The FIT was accompanied on this inspection by J. Henley and R.P. Cohagan, representatives from Chevron USA, Inc.; and by R. Adams, V. Donald, and H. Downs, who are employed by G&E Engineering Inc. G&E Engineering Inc. is a consulting firm which was hired by Chevron to investigate these Chevron sites.

The three sites inspected on January 24, 1985 are connected with the Chevron Hico-Knowles site (LA3522), a former leaded gasoline plant which had been inspected by the FIT on April 10, 1984. These three sites were sampled previously by Chevron during the period June 1983 to January 1984. Concentrations above background levels of arsenic, lead, chromium, cadmium, mercury, barium, and zinc were detected in these analyses (see Chevron analysis summary, February 1984 included with the Preliminary Site Assessment Reports previously submitted on these sites). A closure plan for these sites, including the former leaded gasoline plant, is being submitted by Chevron to the Louisiana Office of Conservation. As this closure plan is not available to EPA and because of the state involvement, this memo report instead of EPA Site Inspection Reports (T2070-3), is being submitted per EPA instructions received from Martha McKee, Region VI Superfund branch.

Hico-Knowles Loading Dock

This inactive site (3.5 acres) is located on the west side of County Road 282, one mile SE of Highway 822 (see attached area map). Chevron sold this site to J.P. Robillard of Hayneville, California in 1980. The site had been a storage and loading facility for leaded gasoline. All the storage tanks, rail lines and

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date 5/2/85

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other equipment were apparently removed from the site before 1970 (see photos 1-4, 7-9, and 12). The gasoline pipeline from the gasoline plant was left on site (see photos 5 and 6 and site sketch).

A small creek (see photos 10 and 11), which flows in a southerly direction, runs along the west side (lowest part) of the site. A drainage path (photo 13) runs into this creek at the east side of the creek. There are dead trees on the site mostly around the creek. The drinking water for the area around the site is supplied by wells.

#### Chandler Battery Pit

The Chandler Battery Pit, a site about four acres in size, is located on County Road 442, approximately 1.5 miles north of I-20 (see area map). Chevron sold this site to the Texas Oil and Gas Corporation which is currently operating it as a natural gas station (see photos 16 and 17). This company has recently secured the site with a new fence. Wells supply the drinking water for the area around this site.

The disposal pit on this site is inactive. This pit was used to blow off a site natural gas compressor (see photo 16). The pit is located in a low wooded area on the north-east side of the site. A creek, which enters from the north, crosses through this area of the site (see site sketch and photo 15). This pit contains an oily, milky liquid (see photo 14). Chevron plans to solidify the liquid and cap the pit. A second location containing an oily, milky emulsion waste is inside a diked area (see photo 18). The dike previously surrounded a tank, which has since been removed. According to Chevron representatives, the clean-up of this diked area has not been included in the closure plan.

#### Choudrant Battery Pit

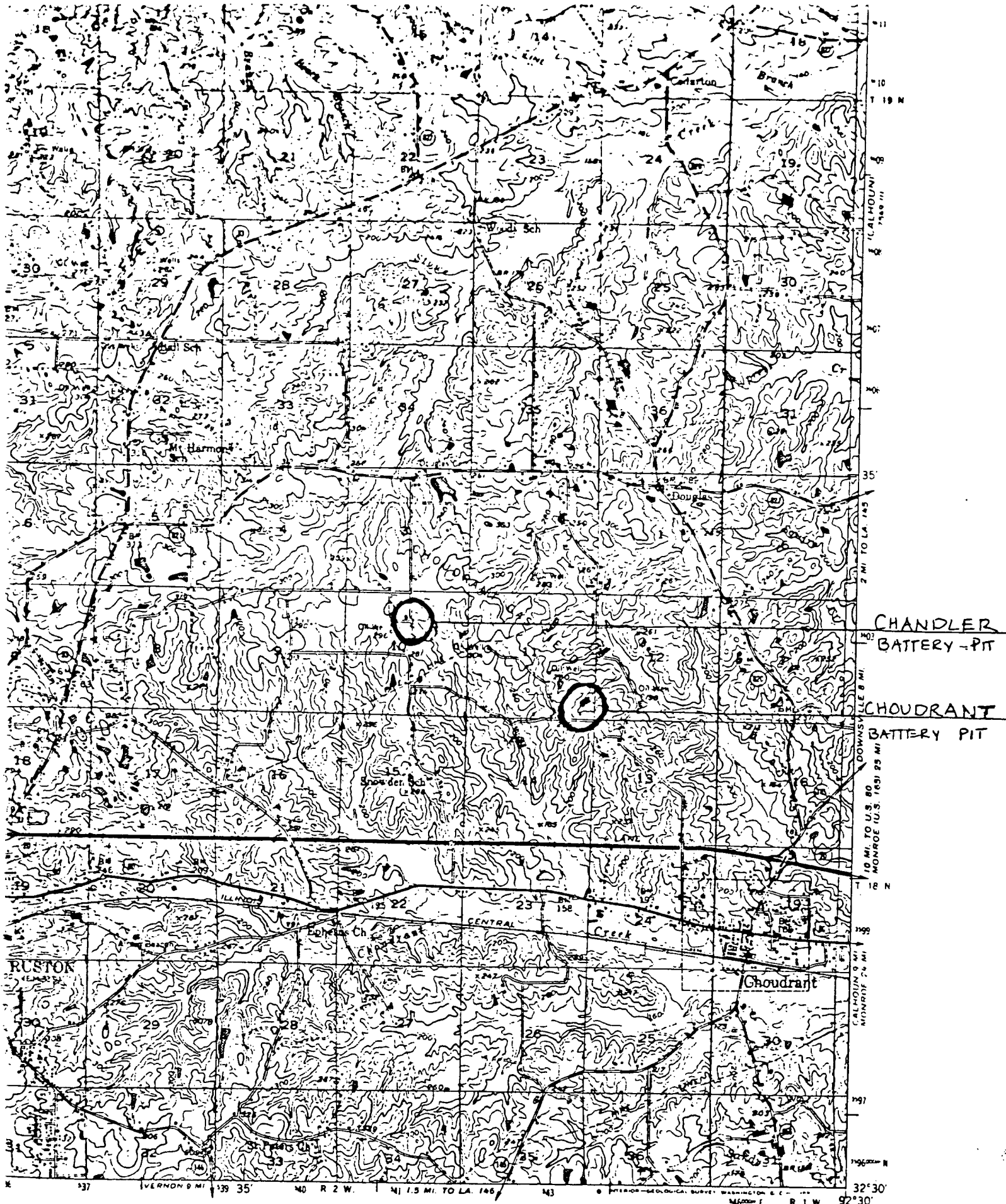
This 10 acre site, still owned by Chevron, is located on County Road 409, about one mile north of I-20 (see attached area map).

The disposal area (now inactive) at this location was a pit used to blow off a natural gas compressor (see photo 19 and site sketch). The pit was emptied by Chevron in mid 1983. The pit was treated with charcoal before being drained. Chevron then drilled five 3" monitor wells around the pit (see photos 20 and 21). Four of the wells are 15'-20' deep (B-10NW, B-10NE, B-10SE, B-10SW) while the fifth well (M-5) is 30 ft. deep. Chevron has sampled the monitor wells and the soil around this pit. Sixteen empty drums were found in the woods northeast of this pit.

A diked area, surrounding an inactive condensate tank, contains a liquid, presumably rain water (photo 22). Chevron has not taken any samples around this diked area. An eroded drainage path travels easterly away from an inactive pressure vessel (photo 23). A large pond is located about half a mile away, off-site. As with the other two sites, wells are the main source of drinking water in this area.

A detailed topographic map of a region in Louisiana, centered around Greenwood-Ch. The map features a grid with latitude and longitude markings. Key geographical features include contour lines indicating elevation, a network of roads, and several labeled locations such as Greenwood-Ch., Olive, and various numbered points (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36). A circled area is highlighted in the upper right quadrant, and a dashed line labeled 'INTERCHANGE 32 MI' is visible in the lower left. The map also shows a 'PIPE LINE' and a 'Creek'.



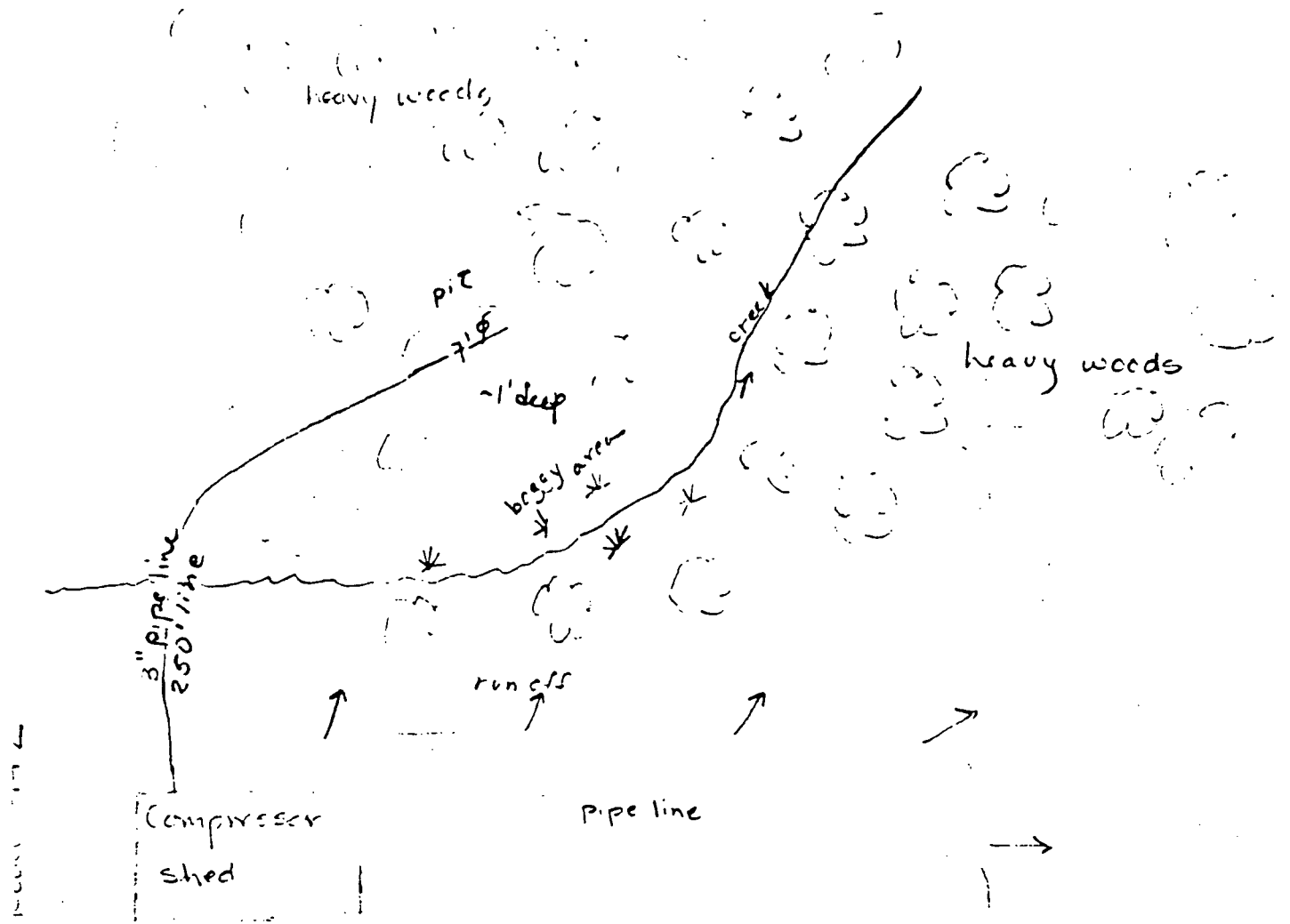


CHANDLER  
BATTERY - PIT

CHOUDRANT  
BATTERY PIT

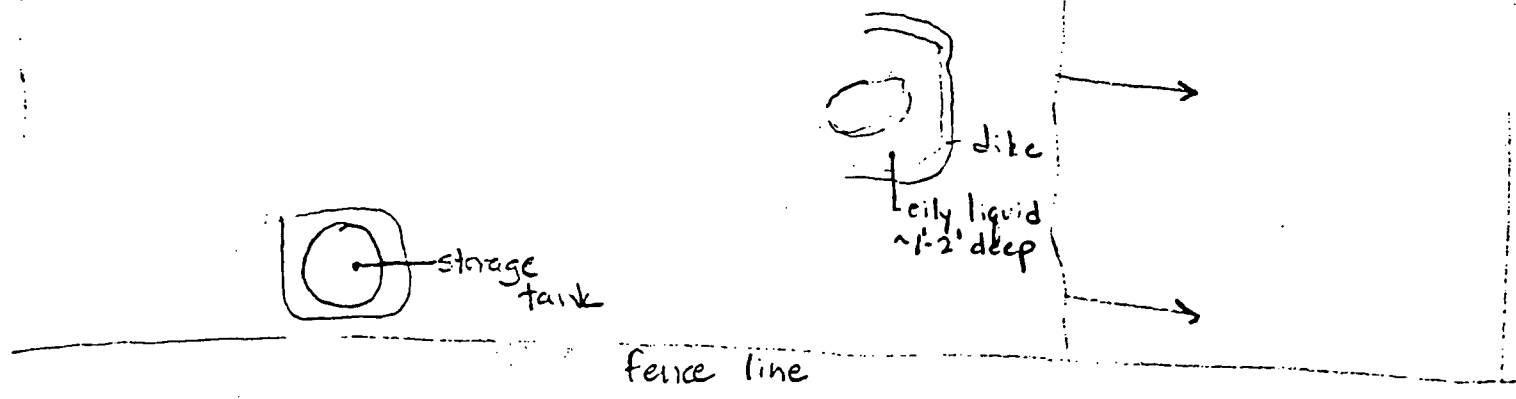


fence line



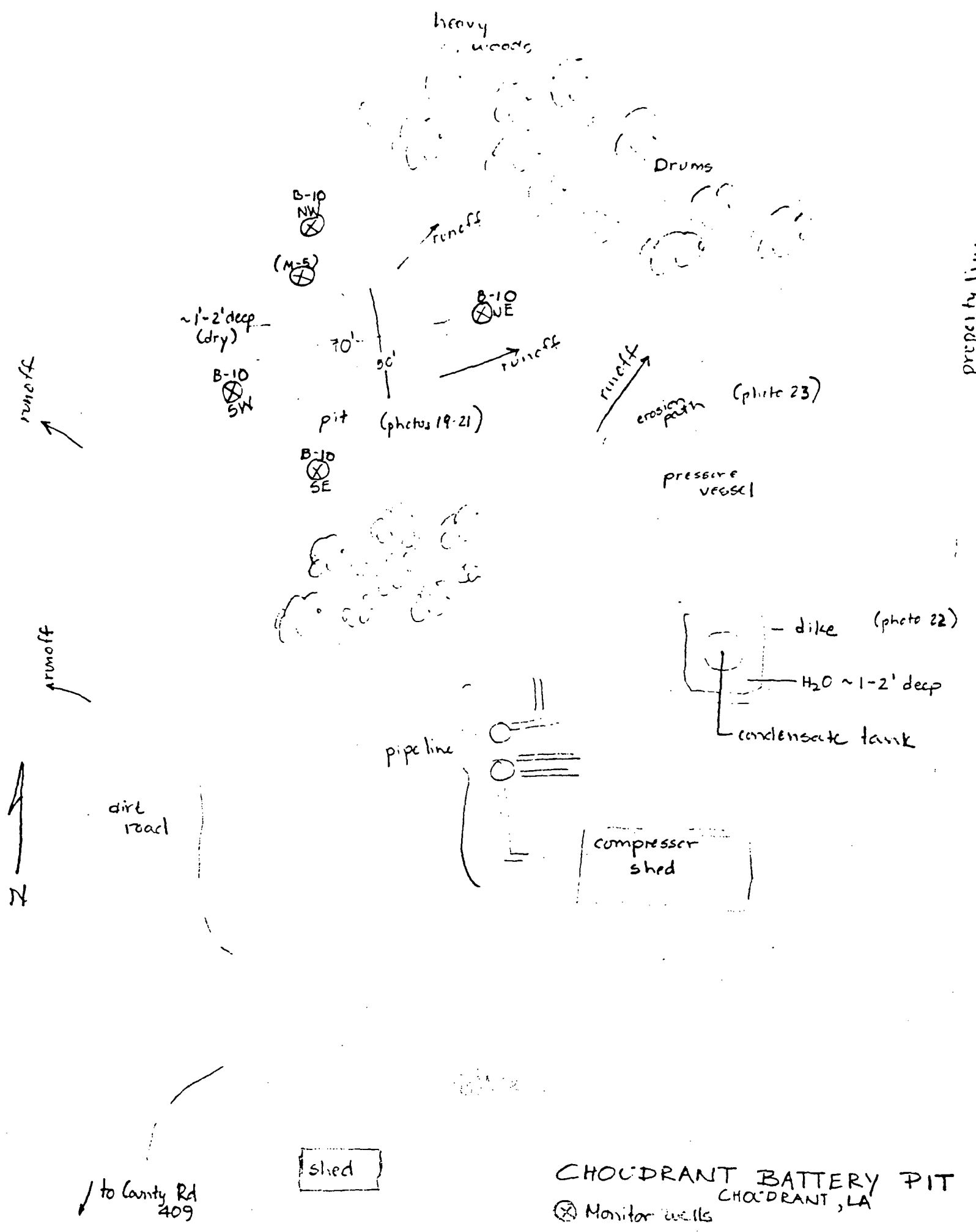
runoff

gate



N

CHANDLER BATTERY PIT  
RUSTON, LA



CHOUDRANT BATTERY PIT  
CHOUDRANT, LA  
⊗ Monitor wells

#1



Photographer / Witness

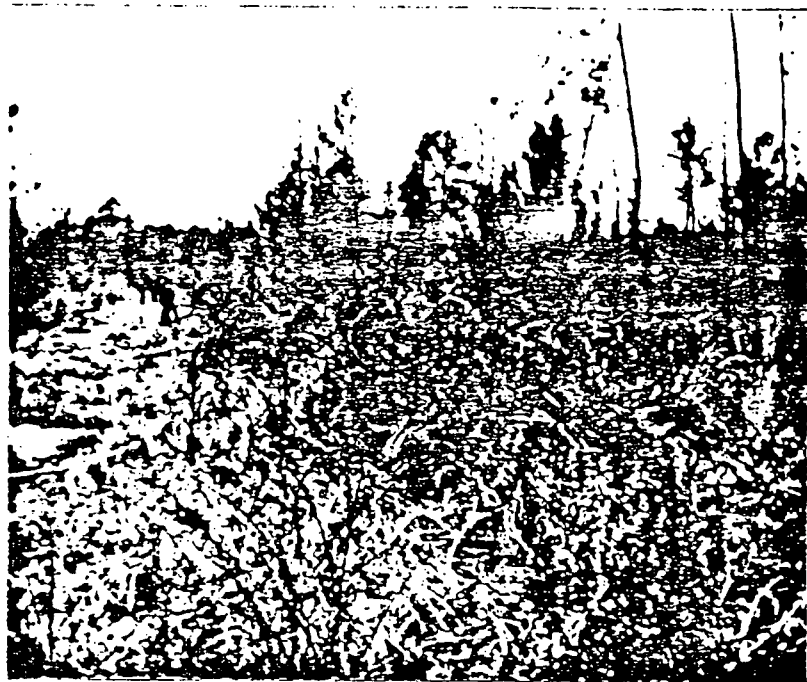
Paul Amehudant / Xuewen

Date / Time / Direction

1/24/85 , 1130 , S

Comments: Panorama of site  
foundations in brushy  
areas on right of photo

#2



Photographer / Witness

Paul Amehudant / Xuewen

Date / Time / Direction

1.24.85 , 11.30 , S

Comments: Panorama of site  
foundations in brushy  
areas

#3



Photographer / Witness

Paul Amehudant / Xuewen

Date / Time / Direction

1.24.85 , 1133 , S

Comments: Panorama of site  
with concrete foundation  
visible in right foreground





#4

Hilly, LA

Photographer / Witness

Phil Amelund / J. K. Green

Date / Time / Direction

1.24.85, 1135, W

Comments: concrete foundation,  
left center of photo



#5

Photographer / Witness

Phil Amelund / J. K. Green

Date / Time / Direction

1.24.85, 1136, W

Comments: 4" gas pipeline

Photographer / Witness

Date / Time / Direction

Comments:



#7

Photographer / Witness

Paul Aumelard / J. Guerin

Date / Time / Direction

1.24.85, 1136, W

Comments: section of 4"  
gas pipeline

Photographer / Witness

Paul Aumelard / J. Guerin

Date / Time / Direction

1.24.85, 1137, SW

Comments: concrete Foundation

Photographer / Witness

Date / Time / Direction

Comments: \_\_\_\_\_

#8



Photographer / Witness

Paul Amelund / J. S. S. S.

Date / Time / Direction

1.24.85, 1138, NW

Comments: concrete

foundation

Photographer / Witness

Date / Time / Direction

Comments: \_\_\_\_\_

#9



Photographer / Witness

Paul Amelund / J. S. S. S.

Date / Time / Direction

1.24.85, 1138, NW

Comments: concrete

foundation in center

foreground of photo



#10

Hilly, LA

Photographer / Witness

Neil Amelunaut / J. Guevara

Date / Time / Direction

1.24.85, 1140, W

Comments: section of creek  
showing red stain on  
creek bottom.

Photographer / Witness

Date / Time / Direction

R

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Photographer / Witness

Neil Amelunaut / J. Guevara

Date / Time / Direction

1.24.85, 1141, NW

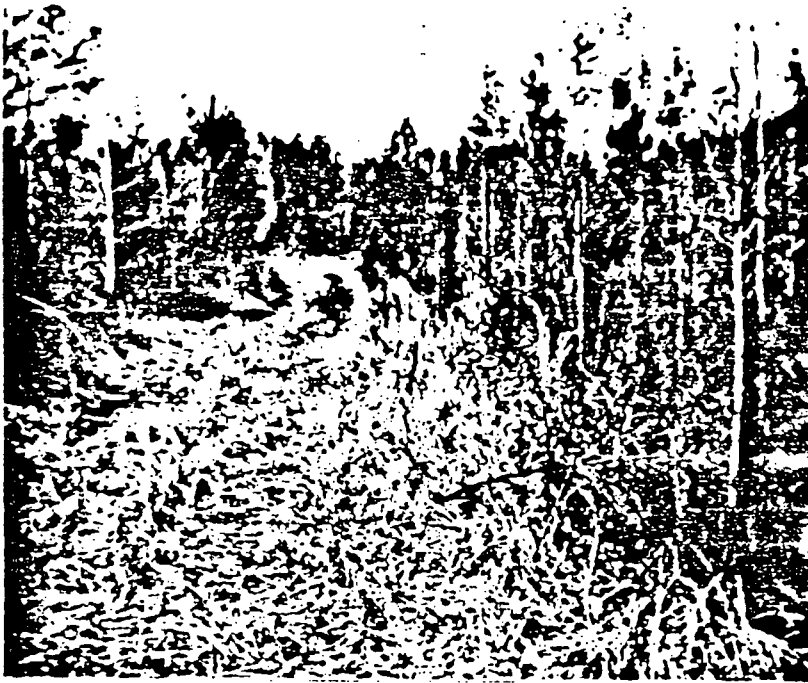
Comments: panorama of  
creek

\_\_\_\_\_  
\_\_\_\_\_



#11

#12



Photographer / Witness

Paul Amundson / James

Date / Time / Direction

1-24-85, 1145, N

Comments: panorama of  
site, foundations  
located in brushy areas in  
left of photo



#13

Photographer / Witness

Paul Amundson / James

Date / Time / Direction

1-24-85, 1146, SE

Comments: drain pipe  
at southern end of  
site

Photographer / Witness

Date / Time / Direction

Comments:



#14

Photographer / Witness

Neil G. Howard / J. Kuehn

Date / Time / Direction

1-24-85 1221 SW

Comments: Pit, with dead  
leaves and oily  
emulsion on surface

Photographer / Witness

Date / Time / Direction

Comments:

Photographer / Witness

Date / Time / Direction

Comments:



Photographer / Witness

Dan Amherst / J. S. S. S.

Date / Time / Direction

1-24-85, 1223, W

Comments: Boggy area of  
creek, pipeline from com-  
pressor in left foreground

Photographer / Witness

Date / Time / Direction

Comments: \_\_\_\_\_



Photographer / Witness

Dan Amherst / J. S. S. S.

Date / Time / Direction

1-24-85, 1231, N

Comments: Building that  
houses compressor + pipe-  
lines

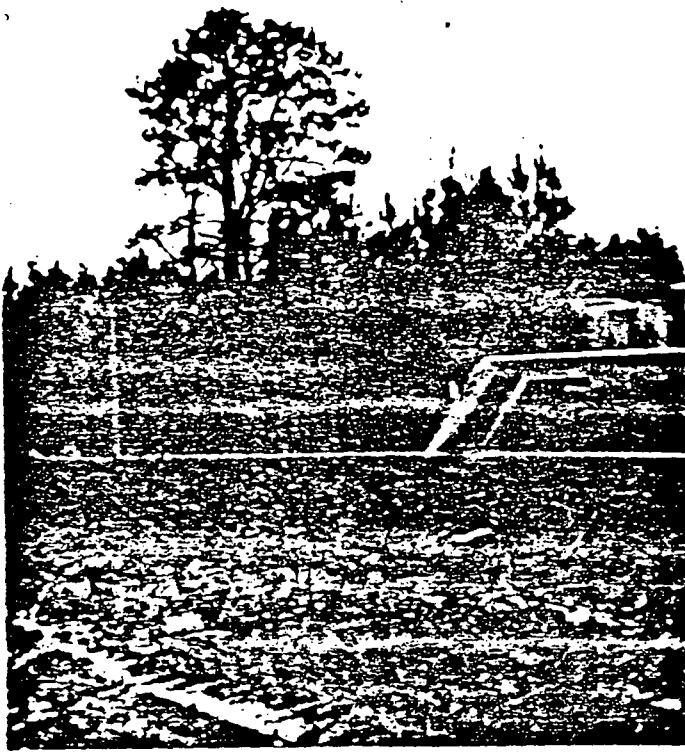
Photographer / Witness

Paul Amehewant / J. J. J. J.

Date / Time / Direction

1.24.85 1235 SEPRESENT TEXAS OIL 2nd G2

Comments: blow-down pipe  
(on left side), pipeline  
and tank



Photographer / Witness

Date / Time / Direction

Comments:



Photographer / Witness

Paul Amehewant / J. J. J. J.

Date / Time / Direction

1.24.85 1238 N

Comments: tank levee, with  
water coated with oily-  
milky emulsion





23

Chedrant LA.

Photographer / Witness

Nell Amhurst / J. C. C. C.

Date / Time / Direction

1-24-85, 1316, N

Comments: pressure basin  
and erosion path

Photographer / Witness

Date / Time / Direction

Comments:

Photographer / Witness

Date / Time / Direction

Comments: